

Message

From: Swanson, Charles [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DA2E43874FF143F99B4D8A9694F49B25-CSWANSON]
Sent: 12/8/2020 5:45:19 PM
To: MacDonald, Alex@Waterboards [Alex.MacDonald@waterboards.ca.gov]
Subject: RE: Area 40 Sampling

Alex,

Thank you for being so helpful with this. EPA has established the contracting resources to monitor the remedy but your support with this will be helpful. Since this was a State lead cleanup I was surprised when Pete told me that DTSC would not be monitoring the remedy. Their position is that the Water Board's past sampling was in overall agreement with prior results and that DTSC will continue to defer to the licensed environmental contractors and Water Board staff for the Site data. Regardless of Aerojet's demonstration of data reliability I think it is important the regulatory agencies continue to verify Aerojet's remedy is successful. EPA is required to do this as part of our process to develop a ROD.

Chuck

Charles Swanson Superfund Division California Sites 3
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street (SFD-7-3)
San Francisco, CA 94105
Tel 415.947.4219 swanson.charles@epa.gov

From: MacDonald, Alex@Waterboards <Alex.MacDonald@waterboards.ca.gov>
Sent: Tuesday, December 8, 2020 8:52 AM
To: Swanson, Charles <Swanson.Charles@epa.gov>
Subject: RE: Area 40 Sampling

Yes, we should coordinate. I have conducted soil and ambient air monitoring and am willing to do that and groundwater sampling. Works out well since I am very close to the site.

Alex

From: Swanson, Charles <Swanson.Charles@epa.gov>
Sent: Monday, December 7, 2020 3:54 PM
To: MacDonald, Alex@Waterboards <Alex.MacDonald@waterboards.ca.gov>
Subject: FW: Area 40 Sampling

EXTERNAL:

Alex,

I see from Pete's message below that DTSC has deferred to the Water Board in the past for monitoring. Will the Water Board continue to monitor the remedy now that it is in place? EPA is required to monitor the remedy for our ROD process. Perhaps we should coordinate as we monitor the remedy.

Thanks,

Chuck

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From: MacNicholl, Peter@DTSC <Peter.MacNicholl@dtsc.ca.gov>

Sent: Monday, December 7, 2020 2:20 PM

To: Swanson, Charles <Swanson.Charles@epa.gov>

Subject: RE: Area 40 Sampling

Hi Charles,

DTSC staff is not currently in a position to conduct air monitoring groundwater samples concurrent with AR contractors due to COVID restrictions and allocated resources. The Water Board has completed splits of multiple media (GW, soil, and vapor) in the past and there was overall agreement in all the results. DTSC will continue to defer to the licensed environmental contractors and Water Board staff for the Site data.

-Pete

From: Swanson, Charles <Swanson.Charles@epa.gov>

Sent: Monday, December 7, 2020 2:06 PM

To: MacNicholl, Peter@DTSC <Peter.MacNicholl@dtsc.ca.gov>

Subject: RE: Area 40 Sampling

EXTERNAL:

Peter,

Will DTSC be taking split samples or monitoring the sample events monitoring the Area 40 remedy?

EPA will be monitoring this event and taking samples from future events. We need to monitor the remedy as we work to develop a ROD over the next year. Ideally the ROD would not require additional actions to address the site.

Thanks,

Chuck

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From: Fennessy, Christopher <christopher.fennessy@Rocket.com>

Sent: Monday, December 7, 2020 12:10 PM

To: Swanson, Charles <Swanson.Charles@epa.gov>; Wallace, Stan <swallace@eaest.com>

Cc: MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov)
<Peter.MacNicholl@dtsc.ca.gov>; MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov)
<Alex.MacDonald@waterboards.ca.gov>

Subject: RE: Area 40 Sampling

Hi Chuck – Will EPA be collecting split samples during the ambient air sampling event? If so, please have your consultant reach out to me today for access and coordination during tomorrow's deployment. Thanks, Chris

Christopher M. Fennessy, P.E.
Aerojet Rocketdyne, Inc.
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Email: Christopher.Fennessy@Rocket.com

From: Fennessy, Christopher
Sent: Monday, November 23, 2020 12:31 PM
To: Swanson, Charles <Swanson.Charles@epa.gov>; Wallace, Stan <swallace@eaest.com>
Cc: MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov)
<Peter.MacNicholl@dtsc.ca.gov>; MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov)
<Alex.MacDonald@waterboards.ca.gov>
Subject: Area 40 Sampling

Hi Chuck and Stan – Per the Agency technical meeting last week, we are developing the schedule for Area 40 groundwater, soil vapor, and ambient air sampling. Per the sampling plan, there are the following samples:

Ambient Air = 15 locations (see black locations on attached)
Soil vapor wells = 8 locations (see green and orange locations on the attached)
Groundwater wells = between 20-30 wells (to be sent next week)

We intend on beginning ambient air sampling on December 7, 2020. I wanted to give you as much heads up as possible on the ambient air sampling because you will need to obtain the Radiellos. The Radiello sampling devices are placed in the protective covers that our consultant will bring on the first day. The devices are left out for 14 consecutive days and retrieved on the 14th day. We have a met station on-site which will be used during the analysis of the data.

Soil vapor and groundwater sampling will only take 2 days and will likely be done the week of December 14, however, I will confirm dates as soon as we have them finalized. We are surveying the new wells this week and should be able to send the map with all the sampling locations next week.

Have a Happy Thanksgiving! Chris

We will be sampling ambient air

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